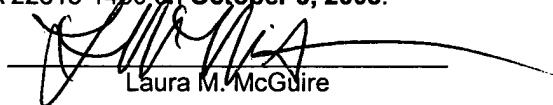


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.
UBAT1360-2Applicant
Michael A. Guillorn t al.Application Number
Unknown Filed
October 7, 2003

For

NANOSTRUCTURE FIELD EMISSION CATHODE
MATERIAL WITHIN A DEVICEGroup Art Unit
Unknown Examiner
UnknownCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450Certificate of Mailing Under 37 C.F.R. 1.10I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail No. EV338103215US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 8, 2003.
Laura M. McGuire

Dear Sir:

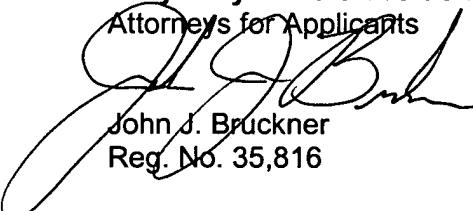
Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the art listed on the attached PTO/SB/08B form be considered and cited in the examination of the above-identified application. Copies of all these references were previously made of record in parent application, Application Serial No. 10/155,841 (Our Ref. UBAT1360-1).

Furthermore, pursuant to 37 C.F.R. §§ 1.97(g) and (h), no representation is made that a search has been made or that this art is material to the patentability of the present application. If any fees are inadvertently omitted, or if any additional fees are required, or if any amounts have been overpaid, please appropriately charge or credit those fees to Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich, LLP.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP

Attorneys for Applicants


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 2500940-991262

FORM PTO 1449 US Department of Commerce Patent and Trademark Office				Application Number	Unknown
				Filing Date	Herewith
				First Named Inventor	Michael A. Guillorn, et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	UBAT1360-2
Examiner Initials		Cite No.	OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
		C1	Guillorn, et al., "Operation of a gated field emitter using an individual carbon nanofiber cathode," Applied Physics Letters, Vol. 79, No. 21, pp. 3506-3508.		November 19, 2001
		C2	Baylor, et al., "Field emission from isolated individual vertically aligned carbon nanocones" Journal of Applied Physics, Vol. 91, No. 7, pp. 4602-4606.		April 1, 2002
		C3	Yahachi et al., "Field Emission Patterns from Single-Walled Carbon Nanotubes," Japan Journal Applied Physics, Vol. 36, pp. 1340-1342.		October 1, 1997
		C4	Matsumoto, et al., "Ultralow biased field emitter using single-wall carbon nanotube directly grown onto silicon tip by thermal chemical vapor deposition," Applied Physics Letters, Vol. 78, No. 4, pp. 539-540.		January 22, 2001
		C5	Guillorn, et al., "Fabrication of gated cathode structures using an <i>in situ</i> grown vertically aligned carbon nanofiber as a field emission element", Journal of Vacuum Science, pp. 573-578.		Mar/Apr. 2001
		C6	Rinzler, et al., "Unraveling Nanotubes: Field Emission from an Atomic Wire" available at www.jstor.org , pp. 1550-1553.		May 9, 2002
		C7	Merkulov, et al., "Patterned growth of individual and multiple vertically aligned carbon nanofibers," Applied Physics Letters, Vol. 76, No. 24, pp. 3555-3557.		June 12, 2000
		C8	Xueping, et al., "A method for fabricating large-area, patterned, carbon nanotube field emitters," Applied Physics Letters, Vol. 74, No. 17, pp. 2549-2551.		April 26, 1999
		C9	Merkulov, et al., "Scanned-probe field-emission studies of vertically aligned carbon nanofibers" Journal of Applied Physics, Vol. 89, No. 3, pp. 1933-1937.		February 1, 2001
		C10	Bonard, et al., "Field emission from single-wall carbon nanotube films" Applied Physics Letters, Vol. 73, No. 7, pp. 918-920		August 17, 1998
		C11	Xueping, et al., "Carbon Nanotube-based vacuum microelectronic gated cathode," Material Research Society Symposium, Vol. 509, pp. 107-109.		1998
		C12	Dean, et al., "The environmental stability of field emission from single-walled carbon nanotubes" Applied Physics Letters, Vol. 75, No. 19, pp. 3017-3019.		November 8, 1999
		C13	Wang, et al., "Flat panel display prototype using gated carbon nanotube field emitters," Applied Physics Letters, Vol. 78, No. 9, pp. 1294-1296.		February 26, 2001
		C14	Lee, et al., "Realization of Gated Field Emitters for Electrophotonic Applications Using Carbon Nanotube Line Emitters Directly Grown into Submicrometer Holes," Advanced Materials Communications, Vol. 13, No. 7, pp. 479-482.		April 4, 2001
		C15	Guillorn, et al. "Microfabricated field emission devices using carbon nanofibers as cathode elements", Journal of Vacuum Science Technology B19(6), pp. 2598-2601.		Nov/Dec. 2001
Examiner Signature			Date Considered		